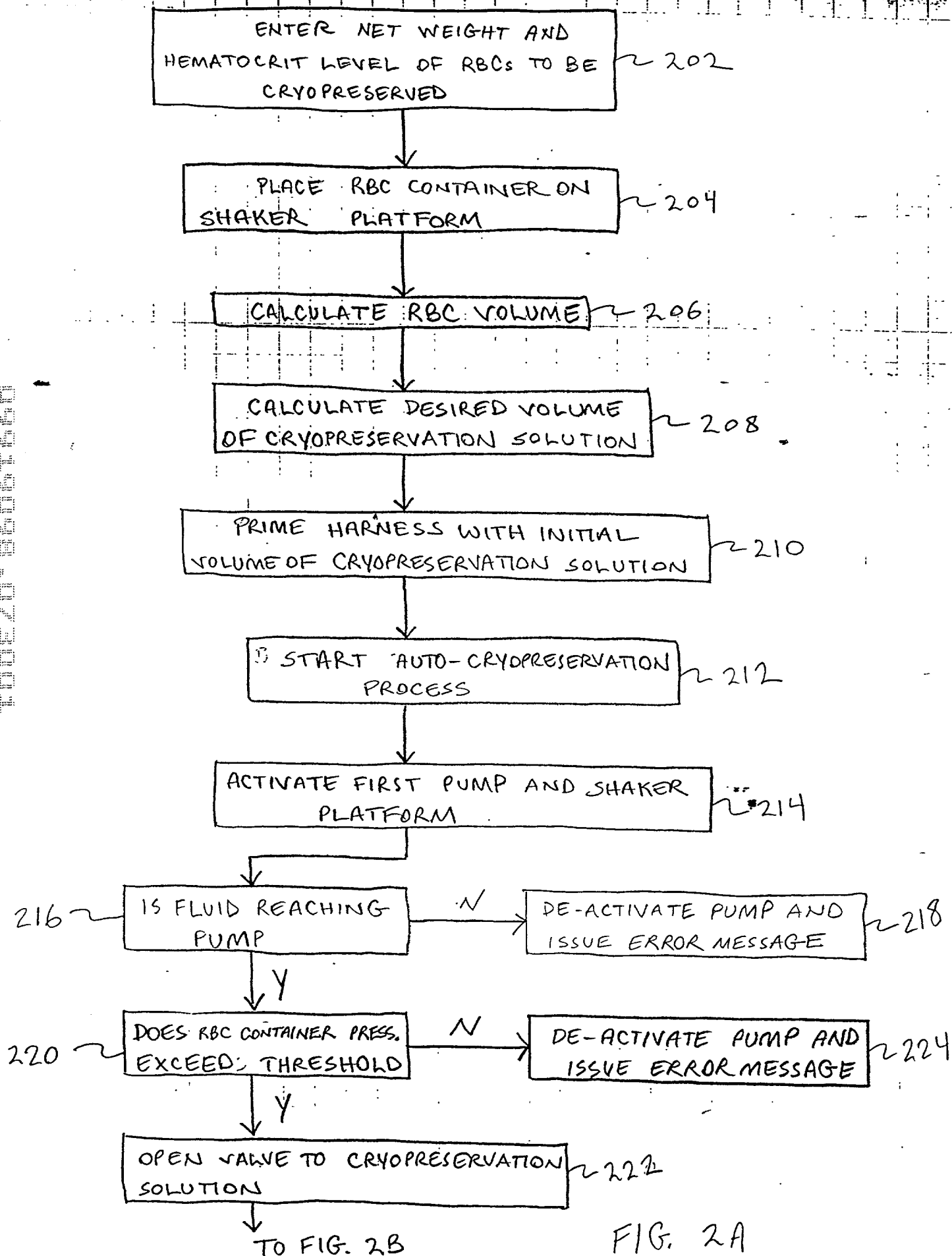


FIG. 1



FROM FIG. 2A

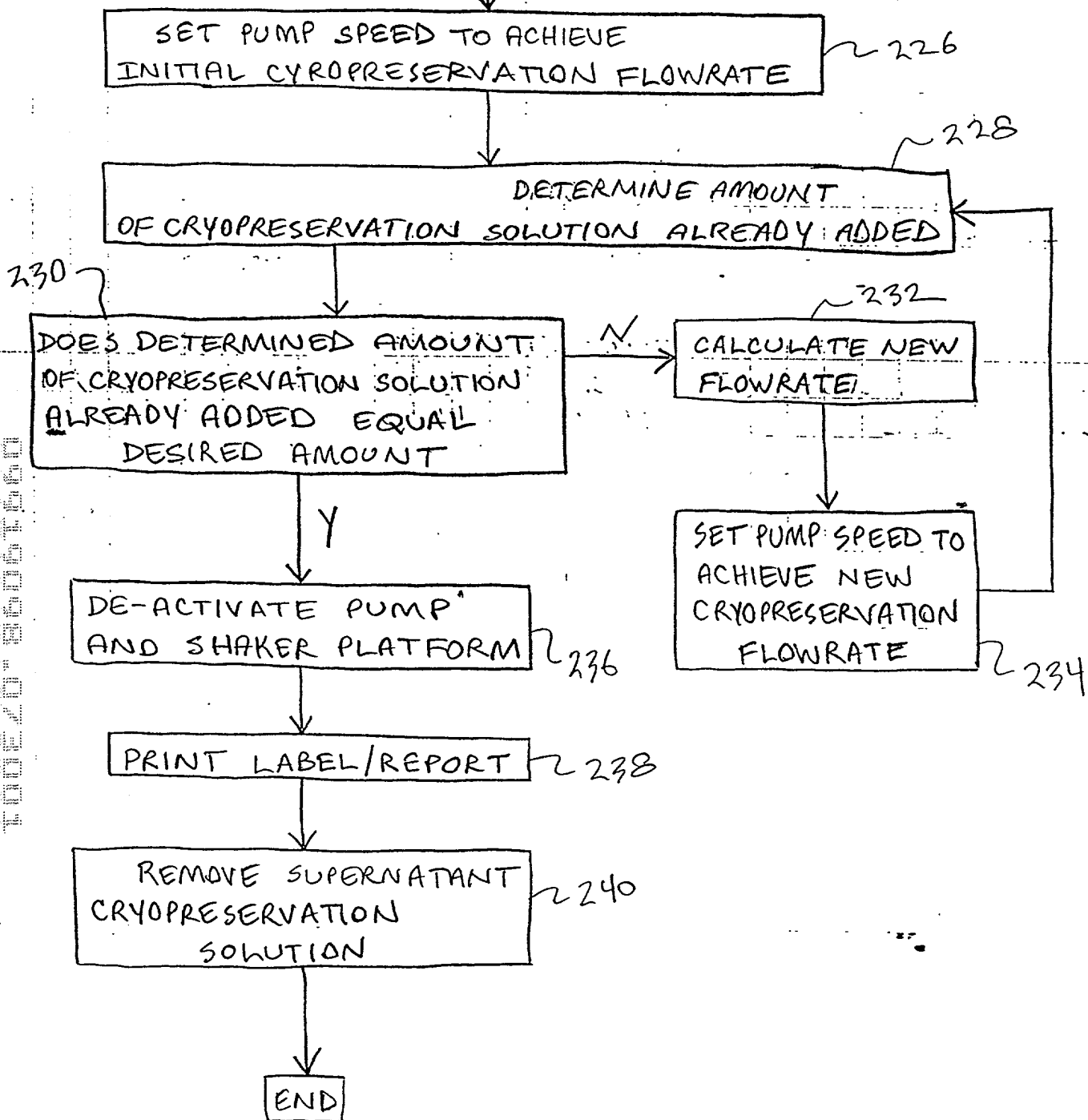


FIG. 2B

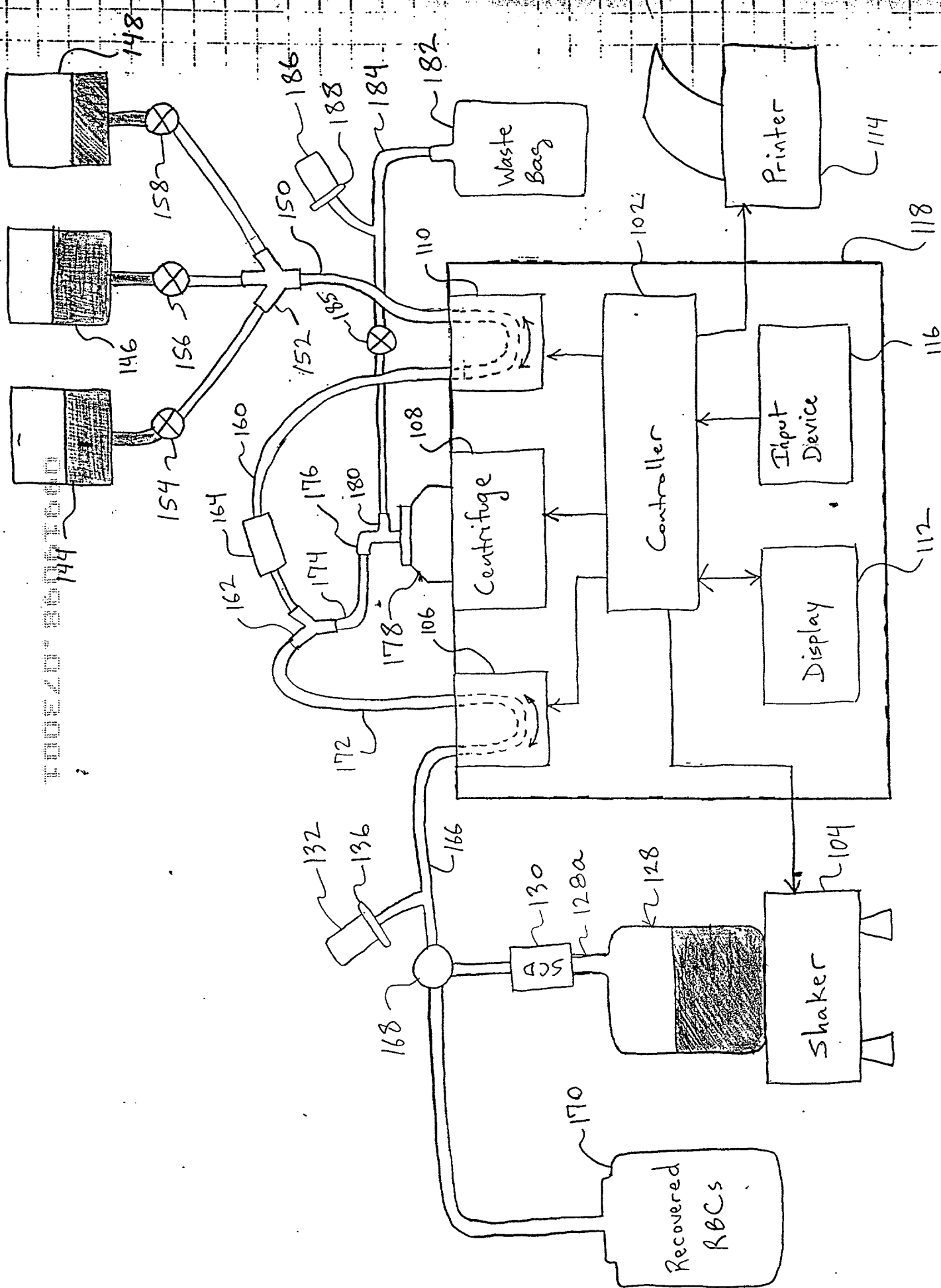
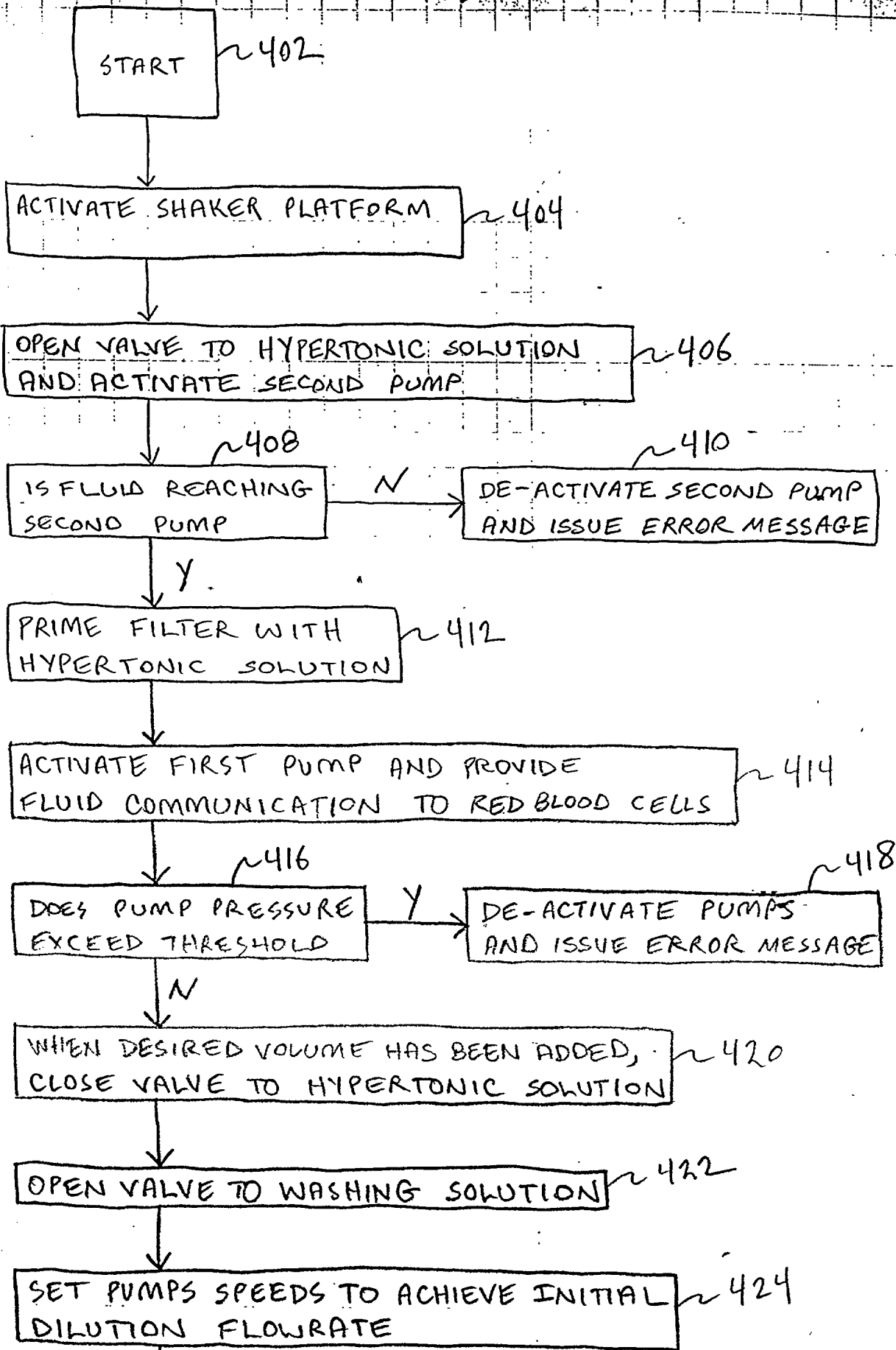


FIG. 3



TO FIG. 4B

FIG. 4A

FROM FIG. 4A

~426

DETERMINE AMOUNT
OF DILUTION SOLUTION ALREADY ADDED

~428

DOES DETERMINED AMOUNT
OF DILUTION SOLUTION
EQUAL DESIRED AMOUNT

N

~430

CALCULATE NEW
FLOWRATE

Y

~434

DE-ACTIVATE PUMPS
AND CLOSE VALVE TO
DILUTION SOLUTION

SET PUMPS SPEEDS
TO ACHIEVE NEW
DILUTION
FLOWRATE

~432

~436

DE-ACTIVATE SHAKER
PLATFORM

~438

ACTIVATE CENTRIFUGE DRIVE UNIT

~440

PUMP DILUTED RED BLOOD CELLS
TO SEPARATION BOWL

~442

ADD FIRST VOLUME OF WASHING
SOLUTION TO SEPARATION BOWL

~444

DE-ACTIVATE CENTRIFUGE DRIVE UNIT

~446

PUMP CONTENTS OF SEPARATION BOWL
BACK TO CONTAINER

TO FIG. 4C

FIG. 4B

FROM FIG. 4B

ACTIVATE SHAKER PLATFORM AND
DYNAMICALLY ADD SECOND VOLUME OF
DILUTION SOLUTION

~ 448

DE-ACTIVATE SHAKER PLATFORM

~ 450

ACTIVATE CENTRIFUGE DRIVE UNIT

~ 452

PUMP DILUTED RED BLOOD CELLS TO
SEPARATION BOWL

~ 454

ADD SECOND VOLUME OF WASHING
SOLUTION TO SEPARATION BOWL

~ 456

REMOVE SUPERNATANT

~ 458

BRAKE CENTRIFUGE DRIVE UNIT

~ 460

PUMP SET VOLUME OF BOWL CONTENTS
BACK TO CONTAINER

~ 462

ACTIVATE CENTRIFUGE DRIVE UNIT AND
RETURN SET VOLUME TO BOWL

~ 464

IS ANOTHER WASH PHASE TO
BE PERFORMED

~ 466

Y

TO FIG. 4D

FIG. 4C

FROM FIG. 4C

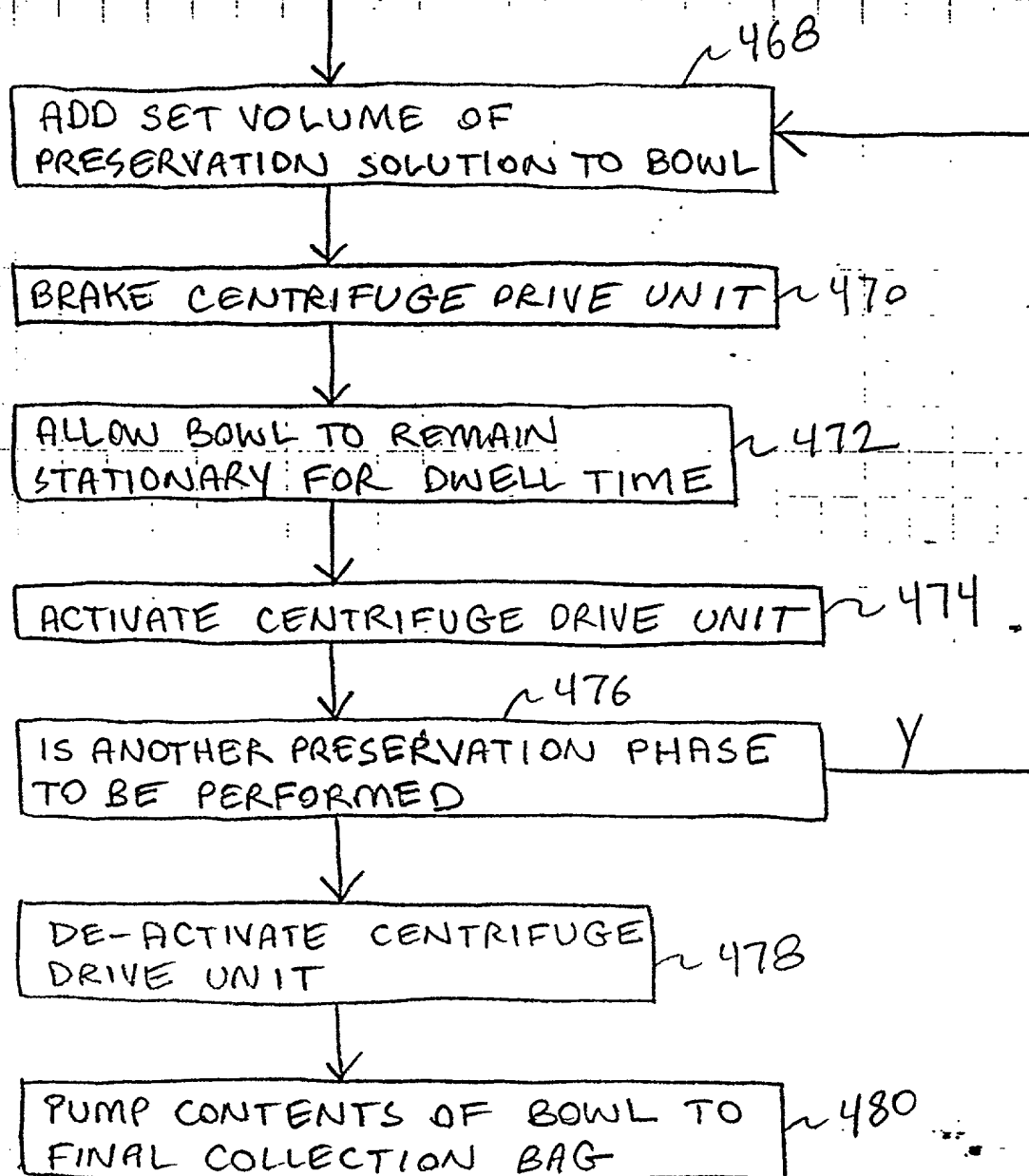


FIG. 4D